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NOTICE OF ALLOWANCE AND FEE(S) DUE

27572

7590

02/04/2010

HARNESS, DICKEY & PIERCE, P.L.C. P.O. BOX 828 BLOOMFIELD HILLS, MI 48303

EXAMINER				
LU, ZHIYU				
ART UNIT	PAPER NUMBER			
2618				

DATE MAILED: 02/04/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/519,858	12/29/2004	Hitoshi Hayashi	5259-000043/NP	9302

TITLE OF INVENTION: NON-CONTACT RF ID SYSTEM COMMUNICATION METHOD, NON-CONTACT RF ID SYSTEM, TRANSMITTER, AND

RECEIVER

I	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
	nonprovisional	NO	\$1510	\$300	\$0	\$1810	05/04/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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	ENCE ADDRESS (Note: Use Blo	, ,	Fee	(s) Transmittal, This	certif	can only be used for icate cannot be used for such as an assignment ling or transmission.	or any other	accompanying
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							((Depositor's name)
								(Signature)
								(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR			RNEY DOCKET NO.	CONFIRMA	
10/519,858 TITLE OF INVENTION RECEIVER	12/29/2004 : NON-CONTACT RF	ID SYSTEM COMMUN	Hitoshi Hayashi ICATION METHOD, NC	N-CONTACT RF I		:59-000043/NP STEM, TRANSMITTI		302
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DA	TE DUE
nonprovisional	NO	\$1510	\$300	\$0		\$1810	05/0	04/2010
EXAM	INER	ART UNIT	CLASS-SUBCLASS]				
LU, ZI	HIYU	2618	455-041200	_				
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A	ND RESIDENCE DATA	' Indication form ed. Use of a Customer A TO BE PRINTED ON '	(1) the names of up to or agents OR, alternati (2) the name of a sing registered attorney or 2 registered patent attolisted, no name will be THE PATENT (print or ty	vely, le firm (having as a ragent) and the names orneys or agents. If no printed. pe)	nembes of upon nam	er a 2 o to e is 3		
recordation as set forti (A) NAME OF ASSIG	h in 37 CFR 3.11. Comp GNEE	oletion of this form is NO	data will appear on the p T a substitute for filing an (B) RESIDENCE: (CITY	assignment. Y and STATE OR CO	OUNT	RY)		
4a. The following fee(s): ☐ Issue Fee ☐ Publication Fee (N		4l permitted)	b. Payment of Fee(s): (Plead	ase first reapply any	prev	iously paid issue fee s	hown above	e)
NOTE: The Issue Fee and	s SMALL ENTITY statu d Publication Fee (if requ	is. See 37 CFR 1.27.	b. Applicant is no lon	0				
interest as shown by the i								
Authorized Signature				Date				
Typed or printed name				Registration No	o			
an application. Confident submitting the completed this form and/or suggesti	tiality is governed by 35 dapplication form to the tons for reducing this but irginia 22313-1450. DC	U.S.C. 122 and 37 CFR USPTO. Time will vary den. should be sent to th	on is required to obtain or 1.14. This collection is es depending upon the indice Chief Information Offic COMPLETED FORMS T	timated to take 12 m vidual case. Any con er. U.S. Patent and T	inutes iment raden	to complete, including s on the amount of time park Office, U.S. Depa	g gathering, ne you requi rtment of Co	preparing, and re to complete ommerce, P.O.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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HARNESS, DIC	KEY & PIERCE, P.I	C.	LU, Z	HIYU	
P.O. BOX 828			ART UNIT	PAPER NUMBER	
BLOOMFIELD H	ILLS, MI 48303		2618		
			DATE MAILED: 02/04/201	0	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 48 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 48 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/519,858	HAYASHI ET AL.	
Notice of Allowability	Examiner	Art Unit	
	ZHIYU LU	2618	
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet was (OR REMAINS) CLOSED or other appropriate commodities. This application is and MPEP 1308.	vith the correspondence address in this application. If not included nunication will be mailed in due cours	
1. This communication is responsive to <u>amendment filed 11/0</u>	<u>16/2009</u> .		
2. \square The allowed claim(s) is/are <u>1,2,4 and 5</u> .			
3. Acknowledgment is made of a claim for foreign priority una a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have 4. Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" on the other has THREE MONTHS FROM THE "MAILING DATE" on the delow. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give 5. CORRECTED DRAWINGS (as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date	been received. been received in Applicate cuments have been received of this communication to fixed. Note the attached Expression of the submitted. The submitted of the submitted of the submitted. The submitted of the submitted	cion No ed in this national stage application from the stage appli	nents
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the first of the sheet. Below the sheet of the	he header according to 37 (sit of BIOLOGICAL MA	CFR 1.121(d). TERIAL must be submitted. Note the	
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material /Zhiyu Lu/ Examiner, Art Unit 2618	6.	Informal Patent Application Summary (PTO-413), b./Mail Date 's Amendment/Comment 's Statement of Reasons for Allowanc 	e

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Timothy MacIntyre on 01/21/2010.

The application has been amended as follows:

In end of claim 1, insert ", where the data sequence is communicated from a transmitting device to a receiving device." between "in the data sequence" and "."

In end of claim 2, insert ", where the data sequence is communicated from a transmitting device to a receiving device." between "in the data sequence" and "."

Allowable Subject Matter

2. Claims 1-2 and 4-5 are allowed.

The following is an examiner's statement of reasons for allowance: No prior are has been found to disclose using a specific a third waveform to replace consecutive instances of a first or a second waveform, wherein the third waveform is different from the first waveform and the

second waveform. By the filed specification, applicant's claimed subject matter is interpreted as a method processed by tangible apparatus without any mental/manual step involved.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ZHIYU LU whose telephone number is (571)272-2837. The examiner can normally be reached on Weekdays: 9AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc Nguyen can be reached on (571) 272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/519,858 Page 4

Art Unit: 2618

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Zhiyu Lu Examiner Art Unit 2618

/Zhiyu Lu/ Examiner, Art Unit 2618 January 12, 2010

/Duc Nguyen/ Supervisory Patent Examiner, Art Unit 2618